

Good Sense 30 Days Refill-GR Apple O2d

Revision: 2012-06-19

Version 01

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: Good Sense 30 Days Refill-GR Apple O2d

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses:

AISE-C18 - Air fresheners non-aerosol

Uses advised against Uses other than those identified are not recommended

1.3 Details of the supplier of the safety data sheet

Diversey Ltd

Contact details

Weston Favell Centre, Northampton NN3 8PD, United Kingdom

Tel: 01604 405311, Fax: 01604 406809

Regulatory Email: MSDSinfoUK@diversey.com

1.4 Emergency telephone number

For medical or environmental emergency only:

call 0800 052 0185

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The product has been classified and labelled in accordance with Directive 1999/45/EC and corresponding national legislation.

Indication of danger

Xi - Irritant

N - Dangerous for the environment

Risk phrases:

R43 - May cause sensitisation by skin contact.

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2 Label elements



Xi - Irritant

N - Dangerous for the environment

Contains 2,4-dimethylcyclohex-3-ene-1-carbaldehyde

Risk phrases:

R43 - May cause sensitisation by skin contact.

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases:

S24 - Avoid contact with skin.

S37 - Wear suitable gloves.

S61b - Avoid release to the environment. Refer to safety data sheet.

2.3 Other hazards

No other hazards known. The product does not meet the criteria for PBT or vPvB in accordance with Regulation (EC) No 1907/2006, Annex XIII.

SECTION 3: Composition/information on ingredients

Good Sense 30 Days Refill-GR Apple O2d

3.2 Mixtures

Ingredient(s)	EC number	CAS number	REACH number	Classification	Classification (EC) 1272/2008	Notes	Weight percent
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	268-264-1	68039-49-6	No data available	Xi; R36/38-43-52/53	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Skin Sens. 1 (H317) Aquatic Chronic 3 (H412)		3-10
allyl heptanoate	205-527-1	142-19-8	No data available	Xn,N; R21/22-38-50/53	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Acute Tox. 4 (H302) Acute Tox. 4 (H312) Skin Irrit. 2 (H315)		3-10
allyl (3-methylbutoxy)acetate	266-803-5	67634-00-8	No data available	Xn; R22-38	Acute Tox. 4 (H302) Skin Irrit. 2 (H315)		1-3
ethyl 2-naphthyl ether	202-226-7	93-18-5	No data available	Xi,N; R38-51/53	Skin Irrit. 2 (H315) Aquatic Chronic 2 (H411)		1-3

* Polymer.

For the full text of the R, H and EUH phrases mentioned in this Section, see Section 16.

Workplace exposure limit(s), if available, are listed in subsection 8.1.

[1] Exempted: ionic mixture. See Regulation (EC) No 1907/2006, Annex V, paragraph 3 and 4. This salt is potentially present, based on calculation, and included for classification and labelling purposes only. Each starting material of the ionic mixture is registered, as required.

[2] Exempted: included in Annex IV of Regulation (EC) No 1907/2006.

[3] Exempted: Annex V of Regulation (EC) No 1907/2006.

[4] Exempted: polymer. See Article 2(9) of Regulation (EC) No 1907/2006.

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation

Remove from source of exposure. If discomfort persists, obtain medical attention.

Skin contact

Rinse with plenty of water. Take off all contaminated clothing immediately. If irritation develops get medical attention.

Eye contact

Wash off immediately with plenty of water. Get medical attention.

Ingestion

Remove material from mouth. Immediately drink 1-2 glasses of water or milk. If large amounts swallowed or symptoms develop, get medical attention.

Self-protection of first aider:

Consider personal protective equipment as indicated in subsection 8.2.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation

Unlikely to be irritant or harmful in normal use.

Skin contact

Unlikely to be irritant in normal use.

Eye contact

Can cause irritation.

Ingestion

Unlikely to be harmful unless excessive amount ingested.

Sensitisation

May cause sensitisation by skin contact.

4.3 Indication of any immediate medical attention and special treatment needed

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.

5.2 Special hazards arising from the substance or mixture

No special hazards known.

5.3 Advice for firefighters

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear suitable gloves.

6.2 Environmental precautions

Do not allow to enter drainage system, surface or ground water. Do not allow to enter the ground/soil. Inform responsible authorities in case undiluted product reaches drainage system, surface or ground water or the ground/soil.

6.3 Methods and material for containment and cleaning up

Collect mechanically.

Good Sense 30 Days Refill-GR Apple O2d

6.4 Reference to other sections

For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

SECTION 7: Handling and storage**7.1 Precautions for safe handling****Advice on safe handling**

Handle in accordance with good industrial hygiene and safety practice. Do not mix with other products unless advised by Diversey. For advice on general occupational hygiene see subsection 8.2. For environmental exposure controls see subsection 8.2. For incompatible materials see subsection 10.5.

Prevention of fire and explosion

No special precautions required.

7.2 Conditions for safe storage, including any incompatibilities**Requirements for storage rooms / facilities:**

In accordance with local and national regulations.

Combined storage in storage rooms / facilities:

In accordance with local and national regulations. For incompatible materials see subsection 10.5.

Basic storage conditions

Store in original container. Keep container tightly closed. For conditions to avoid see subsection 10.4.

7.3 Specific end use(s)

No specific advice for end use available.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****Workplace exposure limits**

Air limit values, if available:

Biological limit values, if available:

Recommended monitoring procedures, if available:

Additional exposure limits under the conditions of use, if available:

DNEL/DMEL and PNEC values**Human exposure**

DNEL oral exposure - Consumer (mg/kg bw)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available	No data available	No data available	No data available
allyl heptanoate	No data available	No data available	No data available	No data available
allyl (3-methylbutoxy)acetate	No data available	No data available	No data available	No data available
ethyl 2-naphthyl ether	No data available	No data available	No data available	No data available

DNEL dermal exposure - Worker

Ingredient(s)	Short term - Local effects	Short term - Systemic effects (mg/kg bw)	Long term - Local effects	Long term - Systemic effects (mg/kg bw)
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available	No data available	No data available	No data available
allyl heptanoate	No data available	No data available	No data available	No data available
allyl (3-methylbutoxy)acetate	No data available	No data available	No data available	No data available
ethyl 2-naphthyl ether	No data available	No data available	No data available	No data available

DNEL dermal exposure - Consumer

Ingredient(s)	Short term - Local effects	Short term - Systemic effects (mg/kg bw)	Long term - Local effects	Long term - Systemic effects (mg/kg bw)
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available	No data available	No data available	No data available
allyl heptanoate	No data available	No data available	No data available	No data available
allyl (3-methylbutoxy)acetate	No data available	No data available	No data available	No data available
ethyl 2-naphthyl ether	No data available	No data available	No data available	No data available

DNEL inhalatory exposure - Worker (mg/m³)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available	No data available	No data available	No data available
allyl heptanoate	No data available	No data available	No data available	No data available
allyl (3-methylbutoxy)acetate	No data available	No data available	No data available	No data available
ethyl 2-naphthyl ether	No data available	No data available	No data available	No data available

Good Sense 30 Days Refill-GR Apple O2d

DNEL inhalatory exposure - Consumer (mg/m³)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available	No data available	No data available	No data available
allyl heptanoate	No data available	No data available	No data available	No data available
allyl (3-methylbutoxy)acetate	No data available	No data available	No data available	No data available
ethyl 2-naphthyl ether	No data available	No data available	No data available	No data available

Environmental exposure

Environmental exposure - PNEC

Ingredient(s)	Surface water, fresh (mg/l)	Surface water, marine (mg/l)	Intermittent (mg/l)	Sewage treatment plant (mg/l)
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available	No data available	No data available	No data available
allyl heptanoate	No data available	No data available	No data available	No data available
allyl (3-methylbutoxy)acetate	No data available	No data available	No data available	No data available
ethyl 2-naphthyl ether	No data available	No data available	No data available	No data available

Environmental exposure - PNEC, continued

Ingredient(s)	Sediment, freshwater (mg/kg)	Sediment, marine (mg/kg)	Soil (mg/kg)	Air (mg/m ³)
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available	No data available	No data available	No data available
allyl heptanoate	No data available	No data available	No data available	No data available
allyl (3-methylbutoxy)acetate	No data available	No data available	No data available	No data available
ethyl 2-naphthyl ether	No data available	No data available	No data available	No data available

8.2 Exposure controls**General health and safety measures**

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Take off immediately all contaminated clothing. Wash hands before breaks and at the end of workday. Avoid contact with skin and eyes.

The following information applies for the uses indicated in subsection 1.2.

If available, please refer to the product information sheet for application and handling instructions.

Normal use conditions are assumed for this section.

Recommended safety measures for handling the undiluted product:

Appropriate engineering controls: No special requirements under normal use conditions.
Appropriate organisational controls: Avoid direct contact and/or splashes where possible. Train personnel.

Personal protective equipment**Eye / face protection:**

No special requirements under normal use conditions.

Hand protection:

Chemical-resistant protective gloves (EN 374)

Verify instructions regarding permeability and breakthrough time, as provided by the gloves supplier
 Consider specific local use conditions, such as risk of splashes, cuts, contact time and temperature

Suggested gloves for prolonged contact:

Material: butyl rubber
 Penetration time: >= 480 min
 Material thickness: >= 0.7 mm

Suggested gloves for protection against splashes:

Material: nitrile rubber
 Penetration time: >= 30 min
 Material thickness: >= 0.4 mm

In consultation with the supplier of protective gloves a different type providing similar protection may be chosen

Body protection:

No special requirements under normal use conditions.

Respiratory protection:

No special requirements under normal use conditions

Environmental exposure controls: Should not reach sewage water or drainage ditch undiluted or unneutralised.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Physical State: Solid
Colour: White
Odour: Perfumed
Boiling point/range (°C): Not determined
Flash point (°C): Not applicable.
Flammability: Not flammable.
Solubility in / Miscibility with Water: Insoluble
Explosive properties: Not explosive.
Oxidising properties: Not oxidising.

9.2 Other information

No other relevant information available

SECTION 10: Stability and reactivity**10.1 Reactivity**

No reactivity hazards known under normal storage and use conditions.

10.2 Chemical stability

Stable under normal storage and use conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known under normal storage and use conditions.

10.4 Conditions to avoid

None known under normal storage and use conditions.

10.5 Incompatible materials

None known under normal use conditions.

10.6 Hazardous decomposition products

None known under normal storage and use conditions.

SECTION 11: Toxicological information**11.1 Information on toxicological effects****Mixtures**

No test data is available on the mixture

Substance data, where relevant and available, are listed below.

Acute toxicity

Acute oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available			
allyl heptanoate		No data available			
allyl (3-methylbutoxy)acetate		No data available			
ethyl 2-naphthyl ether		No data available			

Acute dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available			
allyl heptanoate		No data available			
allyl (3-methylbutoxy)acetate		No data available			
ethyl 2-naphthyl ether		No data available			

Acute inhalative toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available			
allyl heptanoate		No data available			
allyl (3-methylbutoxy)acetate		No data available			
ethyl 2-naphthyl ether		No data available			

Irritation and corrosivity

Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available			
allyl heptanoate	No data available			

Good Sense 30 Days Refill-GR Apple O2d

allyl (3-methylbutoxy)acetate	No data available			
ethyl 2-naphthyl ether	No data available			

Eye irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available			
allyl heptanoate	No data available			
allyl (3-methylbutoxy)acetate	No data available			
ethyl 2-naphthyl ether	No data available			

Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available			
allyl heptanoate	No data available			
allyl (3-methylbutoxy)acetate	No data available			
ethyl 2-naphthyl ether	No data available			

Sensitisation

Sensitisation by skin contact

Ingredient(s)	Result	Species	Method	Exposure time (h)
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available			
allyl heptanoate	No data available			
allyl (3-methylbutoxy)acetate	No data available			
ethyl 2-naphthyl ether	No data available			

Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available			
allyl heptanoate	No data available			
allyl (3-methylbutoxy)acetate	No data available			
ethyl 2-naphthyl ether	No data available			

Repeated dose toxicity

Sub-acute or sub-chronic oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available				
allyl heptanoate		No data available				
allyl (3-methylbutoxy)acetate		No data available				
ethyl 2-naphthyl ether		No data available				

Sub-chronic dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available				
allyl heptanoate		No data available				
allyl (3-methylbutoxy)acetate		No data available				
ethyl 2-naphthyl ether		No data available				

Sub-chronic inhalation toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available				
allyl heptanoate		No data available				
allyl (3-methylbutoxy)acetate		No data available				
ethyl 2-naphthyl ether		No data available				

Chronic toxicity

Good Sense 30 Days Refill-GR Apple O2d

Ingredient(s)	Exposure route	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time	Specific effects and organs affected	Remark
2,4-dimethylcyclohex-3-ene-1-carbaldehyde			No data available					
allyl heptanoate			No data available					
allyl (3-methylbutoxy)acetate			No data available					
ethyl 2-naphthyl ether			No data available					

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Mixture data:

Based on available data, the classification criteria are not met.

Substance data, where relevant and available

Carcinogenicity

Ingredient(s)	Effect
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available
allyl heptanoate	No data available
allyl (3-methylbutoxy)acetate	No data available
ethyl 2-naphthyl ether	No data available

Mutagenicity

Ingredient(s)	Result (in-vitro)	Method (in-vitro)	Result (in-vivo)	Method (in-vivo)
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available		No data available	
allyl heptanoate	No data available		No data available	
allyl (3-methylbutoxy)acetate	No data available		No data available	
ethyl 2-naphthyl ether	No data available		No data available	

Toxicity for reproduction

Ingredient(s)	Endpoint	Specific effect	Value (mg/kg bw/d)	Species	Method	Exposure time	Remarks and other effects reported
2,4-dimethylcyclohex-3-ene-1-carbaldehyde			No data available				
allyl heptanoate			No data available				
allyl (3-methylbutoxy)acetate			No data available				
ethyl 2-naphthyl ether			No data available				

Potential adverse health effects and symptoms

Effects and symptoms related to the product, if any, are listed in subsection 4.2.

SECTION 12: Ecological information**12.1 Toxicity**

Mixtures

No test data is available on the mixture.

Substance data, where relevant and available, are listed below

Aquatic short-term toxicity

Aquatic short-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available			
allyl heptanoate		No data available			
allyl (3-methylbutoxy)acetate		No data available			
ethyl 2-naphthyl ether		No data available			

Aquatic short-term toxicity - crustacea

Good Sense 30 Days Refill-GR Apple O2d

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available			
allyl heptanoate		No data available			
allyl (3-methylbutoxy)acetate		No data available			
ethyl 2-naphthyl ether		No data available			

Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available			
allyl heptanoate		No data available			
allyl (3-methylbutoxy)acetate		No data available			
ethyl 2-naphthyl ether		No data available			

Aquatic short-term toxicity - marine species

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (days)
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available			
allyl heptanoate		No data available			
allyl (3-methylbutoxy)acetate		No data available			
ethyl 2-naphthyl ether		No data available			

Impact on sewage plants - toxicity to bacteria

Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available			
allyl heptanoate		No data available			
allyl (3-methylbutoxy)acetate		No data available			
ethyl 2-naphthyl ether		No data available			

Aquatic long-term toxicity

Aquatic long-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available				
allyl heptanoate		No data available				
allyl (3-methylbutoxy)acetate		No data available				
ethyl 2-naphthyl ether		No data available				

Aquatic long-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
2,4-dimethylcyclohex-3-ene-1-carbaldehyde		No data available				
allyl heptanoate		No data available				
allyl (3-methylbutoxy)acetate		No data available				
ethyl 2-naphthyl ether		No data available				

Aquatic toxicity to other aquatic benthic organisms, including sediment-dwelling organisms, if available:

Terrestrial toxicity

Terrestrial toxicity - soil invertebrates, including earthworms, if available:

Terrestrial toxicity - plants, if available:

Good Sense 30 Days Refill-GR Apple O2d

Terrestrial toxicity - birds, if available:

Terrestrial toxicity - beneficial insects, if available:

Terrestrial toxicity - soil bacteria, if available:

12.2 Persistence and degradability

Abiotic degradation

Abiotic degradation - photodegradation in air, if available:

Abiotic degradation - hydrolysis, if available:

Abiotic degradation - other processes, if available:

Biodegradation

Ready biodegradability - aerobic conditions

Ingredient(s)	Inoculum	Analytical method	DT ₅₀	Method	Evaluation
2,4-dimethylcyclohex-3-ene-1-carbaldehyde					No data available
allyl heptanoate					No data available
allyl (3-methylbutoxy)acetate					No data available
ethyl 2-naphthyl ether					No data available

Ready biodegradability - anaerobic and marine conditions, if available:

Degradation in relevant environmental compartments, if available:

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log K_{ow})

Ingredient(s)	Value	Method	Evaluation	Remark
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available			
allyl heptanoate	No data available			
allyl (3-methylbutoxy)acetate	No data available			
ethyl 2-naphthyl ether	No data available			

Bioconcentration factor (BCF)

Ingredient(s)	Value	Species	Method	Evaluation	Remark
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available				
allyl heptanoate	No data available				
allyl (3-methylbutoxy)acetate	No data available				
ethyl 2-naphthyl ether	No data available				

12.4 Mobility in soil

Adsorption/Desorption to soil or sediment

Ingredient(s)	Adsorption coefficient Log K _{oc}	Desorption coefficient Log K _{oc} (des)	Method	Soil/sediment type	Evaluation
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	No data available				
allyl heptanoate	No data available				
allyl (3-methylbutoxy)acetate	No data available				
ethyl 2-naphthyl ether	No data available				

12.5 Results of PBT and vPvB assessment

Substances that fulfill the criteria for PBT/vPvB, if any, are listed in section 3.

12.6 Other adverse effects

No other adverse effects known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

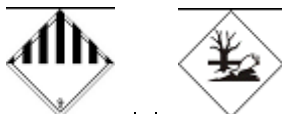
Waste from residues / unused products Dispose of in compliance with all Federal, state, provincial, and local laws and regulations.

European Waste Catalogue: 16 03 05* - organic wastes containing dangerous substances.

Empty packaging

Recommendation:

Dispose of observing national or local regulations.

SECTION 14: Transport information**ADR, RID, ADN, IMO/IMDG, ICAO/IATA****14.1 UN number:** 3077**14.2 UN proper shipping name:**

Environmentally hazardous substance, solid, n.o.s. (allyl heptanoate)

14.3 Transport hazard class(es):

Class:9

Label(s):9

14.4 Packing group: III**14.5 Environmental hazards:**

Environmentally hazardous:Yes

Marine pollutant Yes

14.6 Special precautions for user: None known.**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** The product is not transported in bulk tankers.**Other relevant information:****ADR**

Classification Code M7

Tunnel restriction code E

Hazard identification number: 90

IMO/IMDG

EmS F-A, S-F

The product has been classified, labelled and packaged in accordance with the requirements of ADR and the provisions of the IMDG Code. Transport regulations include special provisions for certain classes of dangerous goods packed in limited quantities.

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****Ingredients according to EC Detergents Regulation 648/2004**

perfumes

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out on the mixture

SECTION 16: Other information

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract

MSDS code: MSDS5713**Version 01****Revision:** 2012-06-19**Reason for revision:**

Overall design adjusted in accordance with Regulation (EC) No 1907/2006, Annex II

Full text of the R, H and EUH phrases mentioned in section 3

- R43 - May cause sensitisation by skin contact.
- R38 - Irritating to skin.
- R22 - Harmful if swallowed.
- R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R36/38 - Irritating to eyes and skin.
- R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R21/22 - Harmful in contact with skin and if swallowed.
- R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- H302 - Harmful if swallowed.
- H312 - Harmful in contact with skin.
- H315 - Causes skin irritation.
- H317 - May cause an allergic skin reaction.
- H319 - Causes serious eye irritation.
- H400 - Very toxic to aquatic life.
- H410 - Very toxic to aquatic life with long lasting effects.
- H411 - Toxic to aquatic life with long lasting effects.
- H412 - Harmful to aquatic life with long lasting effects.

Abbreviations and acronyms:

- AISE - The international Association for Soaps, Detergents and Maintenance Products
- DNEL - Derived No Effect Limit
- EUH - CLP Specific hazard statement
- PBT - Persistent, Bioaccumulative and Toxic
- PNEC - Predicted No Effect Concentration
- REACH number - REACH registration number, without supplier specific part
- vPvB - very Persistent and very Bioaccumulative

End of Safety Data Sheet